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The University of Dayton

News Release

UD HONORS RESEARCHER

DAYTON, Ohio, December 4, 1987--The University of Dayton awarded the 1987 Wohlleben/Hochwalt Outstanding Professional Research Award to James N. Scott, a senior research engineer in the Aerospace Mechanics Division of UD's Research Institute.

Scott was honored for pioneering research in predicting jet engine performance using computer-based computational fluid dynamics. The \$1,000 award was presented at a Dec. 3 luncheon in UD's Kennedy Union.

An associate professor in the engineering department at UD, Scott has received national acclaim for advancing engineers' ability to numerically simulate the time-varying flowfields in turbomachinery, jet engine combustors and nozzles.

"We've developed a capability here that is state-of-the-art," he said.

During the past year, Scott received the Engineering and Science Foundation Award as one of the seven outstanding engineers and scientists in the Miami Valley. A Washington Township resident, he has also received the Outstanding Technical Achievement Award from the Dayton-Cincinnati section of the American Institute of Aeronautics and Astronautics and the Outstanding Research Award from UD's chapter of the Society of Sigma Xi.

UD's Wohlleben/Hochwalt Award was endowed by the late Carroll Hochwalt, who graduated from UD in 1920, was awarded an honorary doctorate in 1935 and received 80 patents throughout his career. He credited his success to his former professor, Brother William Wohlleben, S.M. Hochwalt and his partner, Charles Thomas, founded a company which became the Central Research Laboratory of Monsanto Chemical Company.